## TEST RESULTS OF GRADATION FOR BC
## IS 2386 (Part 1) 1963 (RA 2011 )

**Lab ID** : **CP-RW-2017-09-06-01** **Date: 07-09-17**

**Customer** : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

**Address** : T.Dasarahalli Sub Division, BBMP, Bangalore.

**Project Name** : Improvements to roads and drains Nisarga School back side Sampangi Ramaiah layout at Bagalgunte ward No.14

**Agency** : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.

**Customer Referenc** : BBMP/EE/DD/WO/029/2017-18

**Source of Sample** : Sample supplied by Agency

**Date of Receipt** : 06-09-17

**Sample ID No** : 2017-09-06-01/01

**Type of Mix** : BC (Bituminous Concrete)

**Date of test** : 06-09-17

| Sl.no | Description | Index | Trail 1 | Trail 2 |
|---|---|---|---|---|
| 1 | Weight of the Sample | A | 501 | 502 |
| 2 | Weight of the sample After extraction | B | 470 | 472 |
| 3 | Bitumen percentage | $\frac{A-B}{A} \times 100$ | 6.19 | 5.98 |
| 4 | Average percentage | % | 6.1 | |

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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**Lab ID** : CP-RW-2017-09-06-01 **Date: 07-09-17**

**Sample ID** : 2017-09-06-01/01

**AFTER EXTRACTION - Trail-1**

**Total Weight of the Sample(gm)** : 470

| IS Sieve Size (mm) | Weight Retained (gm) | Comulative Weight Retained (gm) | Comulative % of Retained | Comulative % of Passing | Secified limits as per MORTH specification table 500-23(grading-2) |
|---|---|---|---|---|---|
| 19 | 0 | 0 | 0.0 | 100.0 | 100 |
| 13.2 | 0 | 0 | 0.0 | 100.0 | 90-100 |
| 9.5 | 69 | 69 | 14.7 | 85.3 | 70-88 |
| 4.75 | 128 | 197 | 41.9 | 58.1 | 53-71 |
| 2.36 | 57 | 254 | 54.0 | 46.0 | 42-58 |
| 1.18 | 29 | 283 | 60.2 | 39.8 | 34-48 |
| 0.6 | 11 | 294 | 62.6 | 37.4 | 26-38 |
| 0.3 | 49 | 343 | 73.0 | 27.0 | 18-28 |
| 0.15 | 45 | 388 | 82.6 | 17.4 | 12-20 |
| 0.075 | 41 | 429 | 91.3 | 8.7 | 4-10 |

**AFTER EXTRACTION - Trail-2**

**Total Weight of the Sample(gm)** : 472

| IS Sieve Size (mm) | Weight Retained (gm) | Comulative Weight Retained (gm) | Comulative % of Retained | Comulative % of Passing | Secified limits as per MORTH specification table 500-23(grading-2) |
|---|---|---|---|---|---|
| 19 | 0 | 0 | 0.0 | 100.0 | 100 |
| 13.2 | 0 | 0 | 0.0 | 100.0 | 90-100 |
| 9.5 | 67 | 67 | 14.2 | 85.8 | 70-88 |
| 4.75 | 137 | 204 | 43.2 | 56.8 | 53-71 |
| 2.36 | 62 | 266 | 56.4 | 43.6 | 42-58 |
| 1.18 | 31 | 297 | 62.9 | 37.1 | 34-48 |
| 0.6 | 9 | 306 | 64.8 | 35.2 | 26-38 |
| 0.3 | 37 | 343 | 72.7 | 27.3 | 18-28 |
| 0.15 | 38 | 381 | 80.7 | 19.3 | 12-20 |
| 0.075 | 48 | 429 | 90.9 | 9.1 | 4-10 |

**Note:**

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಕೆ.ದೊಡ್ಡಕಲ್ಲಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ.
ಬೆಂಗಳೂರು

**FOR CIVIL Pro.**

**R KARTHIK RECHAN**
**Authorized Signatory**
**Quality Manager**


*End of Report*

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